

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JUNE. 1932

J. A. BROWN, DIRECTOR



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JUNE 1932

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.							
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean		
1	60.6	60.6	60.5	60.6	29.5	20.4	25.4	29.1	22.6	25.7		
2	0.8	60.3	60.2	60.4	29.3	19.6	23.8	28.8	22.3	25.0		
3	59.8	59.5	59.3	59.5	27.6	19.0	24.0	26.7	21.1	23.9		
4	9.6	9.1	8.8	9.2	27.7	20.0	24.3	26.8	22.3	24.5		
5	8.0	7.0	6.5	7.2	29.4	21.1	26.6	28.3	23.9	26.3		
6	56.8	57.6	55.9	56.7	31.4	21.9	26.8	30.0	24.5	27.1		
7	6.5	6.1	5.9	6.2	31.7	21.6	26.2	31.2	23.9	27.1		
8	5.4	5.8	5.5	5.6	32.1	21.8	26.6	31.6	24.5	27.6		
9	5.9	5.3	4.6	5.3	30.7	22.1	26.1	30.5	26.1	27.6		
10	5.2	5.5	5.7	5.5	29.7	23.1	25.4	28.8	23.8	26.0		
11	56.2	56.4	56.5	56.4	28.2	21.1	23.0	26.8	22.1	24.0		
12	7.7	7.8	8.0	7.8	27.4	20.2	24.5	25.6	21.5	23.9		
13	9.0	8.7	8.9	8.7	27.7	19.6	24.1	26.6	21.2	24.0		
14	9.7	60.3	60.1	60.0	27.3	18.8	24.6	21.6	20.9	22.4		
15	60.0	59.3	58.7	59.3	27.2	18.6	24.6	26.7	21.6	24.3		
16	58.7	58.6	59.0	58.8	28.1	19.3	25.6	27.1	22.0	24.9		
17	60.0	60.2	60.1	60.1	28.7	20.0	25.6	27.6	23.4	25.5		
18	59.2	58.5	58.2	58.6	31.7	21.7	27.4	29.4	25.2	27.3		
19	6.8	6.6	7.8	7.1	32.3	22.8	29.4	30.9	24.5	28.3		
20	9.8	9.6	9.1	9.5	28.1	22.6	26.2	27.3	25.8	26.4		
21	59.8	59.4	58.6	59.3	28.3	20.3	25.1	26.6	22.2	24.6		
22	8.9	8.7	8.0	8.5	29.0	20.1	25.3	28.2	22.6	25.4		
23	7.4	6.6	6.4	6.8	29.9	21.7	26.5	29.4	23.8	26.6		
24	6.0	8.2	5.1	6.4	30.4	21.4	27.1	29.3	23.8	26.7		
25	6.2	6.7	6.9	6.6	30.9	22.8	27.4	30.3	24.4	27.4		
26	57.7	60.2	57.9	58.6	30.4	22.9	27.1	29.4	23.3	26.6		
27	8.8	58.7	8.7	8.7	29.3	20.6	26.6	28.1	23.0	25.9		
28	8.5	7.7	7.8	8.0	29.2	19.9	26.1	27.7	22.6	25.5		
29	7.0	6.8	7.2	7.0	29.6	21.6	25.7	29.4	23.2	26.1		
30	7.6	7.4	7.5	7.5	30.2	20.7	27.3	27.2	23.1	25.9		
	758.11	758.11	757.78	758.00	29.43	20.92	25.81	28.23	23.17	25.75		

Barometer, Range for month 754.6-760.8 m.m.

„ 50-yr. average for month 758.151 m.m.

Thermometer, Range for month 19° 0-32° 3 C.

„ 50-yr. average for month 25.38 C.

Rain, total for month 0.0 m.m.

„ , 50-yr average for month 3.81 m.m.

„ , total Sept. 1st to end of month 515.09 m.m.

„ , 50-yr. average, Sept. 1st to end of month. 906.54 m.m

JUNE 1932

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m. m.				Relative Moisture per cent.				Sun hrs.	Rain m. m.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	22.2	23.8	20.9	17.4	17.7	17.1	17.4	72	58	84	71	13.0	
2	20.9	23.4	21.2	16.3	17.2	17.8	17.1	74	57	89	73	11.5	
3	20.9	22.8	19.5	16.1	17.6	15.7	16.5	72	67	84	74	13.2	
4	20.5	22.1	20.6	15.2	16.2	16.6	16.0	68	61	83	71	11.6	
5	23.2	23.7	22.1	18.3	18.1	18.2	18.2	70	63	83	72	12.0	
6	23.9	24.8	23.3	19.7	19.0	20.2	19.6	75	60	79	71	13.2	
7	23.7	24.9	22.9	19.7	18.4	19.8	19.3	78	53	89	73	13.3	
8	23.3	24.2	23.2	18.6	16.9	20.0	18.5	71	48	87	69	13.4	
9	22.6	23.3	22.7	17.7	16.0	17.9	17.2	70	49	71	63	13.2	
10	22.7	23.8	21.8	18.4	18.0	17.8	18.1	76	61	80	72	12.8	
11	18.3	22.5	17.6	12.6	16.9	12.2	13.9	61	64	61	62	10.8	
12	19.3	20.1	17.7	13.2	13.7	12.6	13.2	58	56	66	60	10.8	
13	19.4	19.8	18.7	13.6	12.8	14.2	13.5	61	49	75	62	10.7	
14	19.5	20.9	17.4	13.4	17.8	12.5	14.6	58	93	68	73	12.7	
15	19.8	21.1	19.4	13.9	14.7	15.1	14.6	60	56	78	65	12.6	
16	19.7	20.1	19.7	13.3	13.0	15.3	13.9	55	49	78	61	12.3	
17	21.6	22.3	20.2	16.2	16.1	15.2	15.8	67	59	70	65	12.8	
18	23.9	23.6	21.3	17.2	17.2	16.0	16.8	64	57	67	63	12.3	
19	23.8	24.6	22.6	17.7	17.9	18.8	18.2	58	54	88	65	12.5	
20	22.2	22.3	21.3	16.8	16.3	15.5	16.2	67	60	62	62	11.2	
21	20.7	21.8	20.4	15.0	15.9	16.4	15.8	64	60	83	69	11.1	
22	21.2	22.5	20.8	15.6	16.1	16.3	16.3	65	57	83	68	12.3	
23	22.8	23.9	22.2	17.6	17.8	18.5	18.0	68	58	84	70	12.8	
24	23.7	24.4	22.6	19.0	18.8	19.3	19.0	72	63	87	74	12.9	
25	23.6	25.1	22.8	18.6	19.3	19.3	19.1	69	59	85	71	12.7	
26	23.4	24.6	21.2	18.3	19.0	17.0	18.1	69	62	80	70	12.0	
27	21.2	21.6	19.2	14.9	14.7	13.9	14.5	58	52	66	59	11.5	
28	21.1	21.1	19.3	15.1	14.1	15.2	14.8	59	51	75	62	13.1	
29	21.6	23.8	20.9	15.9	17.6	16.7	16.7	65	57	79	67	10.5	
30	22.6	23.8	20.4	16.8	19.1	15.7	17.2	63	71	76	70	13.2	
	21.74	22.89	20.81	16.40	16.80	16.53	16.60	66.2	58.8	77.8	67.6	12.33	

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

1932 JUNE

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	0	0	0.0	0	1sw	1sw	282.1	calm	
2	7ci	0	5steu	4.0	0	1sw	1sw	279.9	calm	
3	4steu	0	4steu	2.7	0	0	1sw	243.8	calm	
4	2ci	0	2ci	1.3	0	0	0	58.4	calm	
5	5steu	0	0	1.7	0	0	0	40.7	calm	
6	0	1ci	0	0.3	0	0	0	101.1	"	
7	0	0	0	0.0	0	0	1sw	188.5	"	
8	0	0	0	0.0	1w	0	1s	367.5	"	
9	0	0	0	0.0	1w	0	2sw	481.7	mod.	
10	0	0	4steu	1.3	3sw	3sw	3sw	1024.3	rough	
11	2st	5steu	5steu	4.0	2sw	1sw	2sw	766.4	"	
12	2steu	6steu	8steu	5.3	1sw	2sw	2sw	663.6	"	
13	2steu	1cu	2cu	1.7	0	1w	1w	315.4	light	
14	1cu	1cu	1cu	1.0	1w	1w	1sw	391.8	slight	
15	1cu	1cu	0	0.7	1w	1w	0	360.4	light	
16	0	0	0	0.0	0	0	1sw	185.5	calm	
17	0	0	0	0.0	0	0	0	35.4	"	
18	0	0	0	0.0	0	0	0	45.1	"	
19	0	0	0	0.0	0	0	1sw	118.0	"	
20	0	0	2steu	0.7	0	1w	0	273.1	light	
21	0	8steu	0	2.7	0	0	0	63.9	calm	
22	1cu	0	0	0.3	0	0	1sw	143.2	"	
23	0	1cu	0	0.3	0	1sw	0	167.5	"	
24	1cu	1cu	1cu	1.0	1sw	2sw	2sw	623.0	mod.	
25	1cu	0	0	0.3	2sw	2sw	2sw	913.1	mod.	
26	1cu	1st	1st	1.0	3sw	1sw	1sw	798.6	stormy	
27	0	0	2cu	0.7	0	2sw	0	384.1	light	
28	0	0	0	0.0	0	1w	0	154.4	"	
29	4steu	0	0	1.3	0	0	0	30.6	"	
30	0	0	0	0.0	0	1sw	1sw	339.0	"	
				1.08	16	22	25	328.00		
					0.5	0.7	0.8			

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	6	4	0	20
14:30	0	0	0	0	0	11	5	0	14
20:30	0	0	0	0	1	16	1	0	12
Totals	0	0	0	0	1	33	10	0	46

Number of days with rain 0, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 0.8